DIAQUIP
AT THE CUTTING EDGE

CASE STUDY

DIAQUIP DIAMOND WIRE

DETAILS:

COMPANY: Allied Infrastructure
PROJECT: Newton-Le-Willows Station enhancement programme
CLIENT: Network Rail
FUNDER: Local Growth Fund – part of a 3 year £340m investment by Liverpool City Region and Network Rail
REGION: North-West
MAIN CONTRACTOR: Galliford Try
START DATE: January 2018
COMPLETION DATE: Easter 2018

OVERVIEW:

Newton-Le-Willows station near Warrington was built in 1845 and is undergoing an £18m revamp. A subway is also being dug to link the station to the platform on the other side of the tracks.

The team is mining underneath the tracks to create the subway, while trains continue to rattle above them. The line has been kept fully operational while works are ongoing and has required the team to do some complex engineering in order to ensure no damage is done to the historic route or the original listed ticket office.

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SOLUTION:

Diaquip wire was used to form section cuts to Steel Grout Filled Piles that have been used to form the canopy of the tunnel 600mm ø tubes x 750mm long sections, weighing approx. 500 Kg each
26 either side so 52 Nr.

The Piles were installed horizontally under the line to act as temp works/support to the formation of the tunnel.

DQ5 wire slicing through Steel Grout Filled Piles!

For more information visit:
https://www.constructionnews.co.uk/projects/project-reports/galliford-performs-tricky-balancing-act-on-19th-century-station/10026229.article

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