



Background

Network Rail's £350 million Trent Valley Four Tracking Project will increase capacity on the West Coast Main Line by doubling the tracks from two to four along a 12 mile stretch of railway between Armitage with Handsacre and Tamworth, removing a major bottleneck.

Reinforced Earth Company were consulted at tender stage and proposed retaining wall solutions to support the additional rail tracks on 3 separate contracts.

Challenge

By using a simple modular precast panel facing system for all 3 contracts, the supply of panels could be taken from an 'as cast' stockpile of compatible panels when required by each separate main contractor.

Solution

In addition to supplying on-site installation expertise, the design and delivery team at Reinforced Earth Company was able to assist the client in the attainment of technical approval for the structures.

CASE STUDY

West Coast Mainline

Staffordshire

Reinforced Earth TerraClass® Retaining Walls

Client:	Network Rail
Consultant:	Scott Wilson
Contractor:	Balfour Beatty, GallifordTry, Edmund Nuttall
Construction:	2007
System:	TerraClass®
Wall Area:	4180m ²
Max. Height:	6m
Design Load:	50 kN/m ² rail
Design Life:	120 years



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