

West Coast Mainline Trent Valley

Staffordshire 2007



Client	Network Rail
Contractor	Balfour Beatty/GallifordTry/Edmund Nuttall
Consultant	Scott Wilson

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

Reinforced Earth Company (RECo) was consulted at tender stage and proposed retaining wall solutions to support the additional rail tracks on three separate contracts.

Reinforced Earth is particularly suitable in allowing the effective absorption of vibrations, even with cyclical loading, as well as providing the resistance and stability to give significant load bearing capacity.

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

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.

RECo have been providing retaining walls to support railway tracks for nearly 50 years.