

Stockton Twin Tunnels

Stirling Maynard were appointed as UK Designers by Asset International for this and other schemes.

The project involved the construction of Twin Railway Tunnels at Stockton on Tees. Each tunnel is 110m long, has a 14.4m span and a 6.35m rise. Each arch spans over twin rail tracks. The tunnels are constructed using Stren-Cor Bridge tunnel arches. Stirling Maynard carried out an independent Category 3 check design for the Super-Cor steel arch units.



Duties undertaken by Stirling Maynard included:

- Category 3 Design check of Tunnel Arch units
- Assistance to overcome technical issues regarding Construction methods
- AIP/Technical Approved Compliance
- Preparing drawings for Planning Applications
- Contractor site support during construction including advice regarding construction sequences and maximum plant weights for placing fill above the crown.



Client

Asset International

Owner

Stockton Borough Council

Structural Engineers

Stirling Maynard/Arup

Contractor

Birse Construction

Total Project Value

Part of £31M scheme

