



Monks Cross Development, York



The Project

TR Stabilisation has worked with Moorhead Excavations on a wide range of projects. When Moorhead Excavations were selected as the main earthworks contractor on the Monks Cross development for Caddick Construction, they once again contacted TR Stabilisation to carry out the required soil stabilisation work for the £90 million 399,00 sq ft retail development and 6,000 seat community stadium in York.

The site required a number of different areas to be treated to varying strengths, including car parks, building footprints, haul roads and service yards. Whilst some of areas required a lime modified bulk fill with a CBR in excess of 5%, others required a stabilised sub-base replacement with a CBR in excess of 30%. Over 56,000 cu.m of material was treated across the site.



Monks Cross Development, York

Soil stabilisation of over 56,000 cu.m of material for new retail development and community stadium.

For more information visit www.trstabilisation.co.uk

Wirtgen WFR2500, WR240K Integrated and Wirtgen WR2500S standard machines were used together with a TerraGator Powder Spreader.

The material was laid in 300mm deep layers by Moorhead Excavations ready for TR Stabilisation to treat with quicklime (for the modified bulk fill) and a quicklime and Portland cement mixture for the stabilised sub-base replacement. Once treatment had taken place, the material was compacted, trimmed to tolerance and then either covered with stone or a bitumen emulsion agent was applied.

The works ran on time with all areas treated to specification and programme.

Benefits

- Range of areas and soil types treated
- Soil treated in situ. No 'dig and dump'
- Works carried out efficiently and effectively



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Project details

Client:	Oakgate Group plc
Project duration:	3 phases from April 2013 to September 2013
Main contractor:	Caddick Construction
Soil stabilisation contractor:	T R Stabilisation
Area stabilised:	56,000 cu.m.
Soil type:	Clay and Sandy Clay
Blend:	
Specialist plant:	Wirtgen WR2500SK, WR240K and WR2500S Mixers