



Case

STUDY

CELLWEB TRP

Roehampton University
Working Platform



MARKET SECTOR:

Environmental



LOCATION:

116 Roehampton Lane,
Roehampton
London,
SW15 4HT



CONTRACTOR:

Morgan Sindall



SUBCONTRACTOR:

Bachy Soletanche Balfour Beatty
Ground Engineering JV

The

BACKGROUND

Morgan Sindall approached Geosynthetics requiring correction work for their high trafficked roadway at Downshire House Roehampton University. The original road used a Geogrid with a 200mm surcharge of stone which wasn't suitable for such a high traffic area.

Geosynthetics Ltd was able to visit the site and offer our 200mm deep Cellweb TRP as a suitable solution to this issue. As the site was used for construction traffic it was extremely important to ensure that the product supplied could withstand the pressure of construction machinery passing over it on a daily basis. The original product was causing the vehicles to sink into the ground disbling any work to continue on site.

Our Client's

REQUIREMENTS

A sustainable solution for a high traffic roadway.

Cellweb® TRP is a 3D Cellular Confinement System that was originally created for use by the U.S army corp engineers to transport large vehicles across unstable terrain.

Cellweb® TRP is available in a variety of depths. The 200mm deep is capable of supporting up to 60 tons of gross weight distribute.

Our Value Engineered **SOLUTION**

Within 4 working days of the haulage road failing, Geosynthetics Limited provided a full technical recommendation including calculations for rebuilding the road.

As Cellweb® TRP is kept in stock at Geosynthetics, delivery was processed and dispatched the same day. This project was designed, supplied installed and operational within 7 days. Geosynthetics Limited Engineering capabilities combined with stock availability made Geosynthetics limited the perfect solution for the project.



“Our designed haul road was failing to perform due to the angular stone not binding. We needed an instant solution to provide a stable road where the construction traffic’s wheels didn’t spin or dig-in. Using Cellweb® TRP, and Geosynthetics range of services, we were able to utilise the existing stone to quickly provide a suitable haulage road.”

NIGEL COLEMAN
Site Manager
Roehampton University

