



Case

STUDY

TOTAL TRAFFIC EXOPAVE

Hare Hill
Carpark Improvement



MARKET SECTOR:

Commercial



LOCATION:

Prestbury Road, Over Alderley
Cheshire, SK10 4QB



CONTRACTOR:

H&R Building Services



CONSULTANT:

Cass Associates Liverpool



INSTALLER:

H&R Building Services

The BACKGROUND

With National Trust Hare Hill in the Cheshire countryside attracting more and more visitors each year, it was apparent that improvements to the car park facilities were needed.

Cass Associates were appointed to carry out the design work. In September 2015 they contacted Geosynthetics and an initial meeting was held to discuss a potential design for a new reinforced grass and gravel car park.

Our Client's REQUIREMENTS

A sustainable solution to carpark improvement

The Grass areas would be Pre Grown Golpla to ensure the site could be completed quickly. The remainder of the site would be loose gravel.

A site meeting was scheduled to see the site and discuss the situation with the National Trust and contractor. It was apparent from the visit that the gravel turn at the end of the car park was steeper than expected and likely to experience high lateral forces from vehicles using the car park.



Our Value Engineered SOLUTION

On that basis Geosynthetics recommended reinforcement be made with their TTE heavy duty pavers.

TTE has high strength in situations where heavy vehicles need to use the surface. It copes extremely well with lateral forces and can be installed on slopes of up to 1 in 10. This made it an excellent choice for the Hare Hill site. It can be filled with grass or gravel to suit the application.

The contractor's onsite had not seen TTE before but found the product very easy to install and were able to complete the work in 2 days. Geosynthetics visited site during the installation to assist with the installation stage.



“We received excellent technical support from the team at Geosynthetics to ensure the right materials were selected for our needs. As a result, the car park not only looks great but is also durable, easy to maintain and capable of withstanding the high volumes of traffic we see during peak season.”

EMMA HILL
Head Gardener
National Trust

